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ABSTRACT

In 1991, the Office of Research and Planning of the Los Rios Community College District (LRCCD) analyzed data provided by the California Postsecondary Education Commission to compare the district's transfer rates with statewide trends in transfer to the University of California (UC) and California State University (CSU). Major findings, for the academic years 1989-90 and 1990-91, included the following: (1) statewide transfers to UC increased by 4.0% over 1988-89 figures, then rose another 23.0% in 1990-91; (2) for Los Rios, transfers to UC decreased 14.5% (n=407) in 1989-90, then increased 11.8% (n=455) in 1990-91; (3) Los Rios ranked seventh among districts in the state in numbers of UC transfers during both academic years; (4) statewide transfers to CSU increased 0.7% in 1989-90 over 1988-89, followed by an increase of 2.1% in 1990-91; (5) for LRCCD, transfers to CSU decreased by 4.0%, from 2,229 in 1988-89 to 2,140 in 1989-90, then increased by 8.7% to 2,326 in 1990-91; (6) LRCCD ranked second among districts statewide in the numbers of CSU transfers during both academic years; (7) the use of fall-only data would have resulted in a 25% undercount of statewide transfers to UC (compared to 20% for LRCCD), and a 38% statewide undercount to CSU (compared to 35% for LRCCD); (8) comparing fall-only data, all ethnic minority transfers to UC had decreased in fall 1989, while all those except Hispanics had increased in fall 1990; and (9) comparing fall-only data, the numbers of Black, Hispanic, and Filipino transfers to CSU had increased in fall 1989, while in fall 1990, all ethnic minority transfers except Blacks had increased. Findings suggest that efforts to improve the transfer process, such as intersegmental cooperation and transfer programs, have begun to produce increased numbers of transfers. An appendix provides historical data on transfers, and ethnicity of transfers for each college within the LRCCD and for the district as a whole for 1986-1990. (JSP)

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LOS RIOS TRANSFER STATISTICS

Fall 1989 - Spring 1991 Update

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April 1992

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SACRAMENTO CITY COLLEGE

AMERICAN RIVER COLLEGE

COSUMNES RIVER COLLEGE

LOS RIOS TRANSFER STATISTICS
Fall 1989 - Spring 1991 Update
 April 1992
 Executive Summary

INTRODUCTION

This report is the fifth by the Los Rios District Office of Planning and Research analyzing data provided by the California Postsecondary Education Commission (CPEC) regarding student transfers from California Community Colleges to the University of California and California State University systems. This particular report covers two academic years, 1989-90 and 1990-91. It discusses transfer data as provided in the latest CPEC report, *California Postsecondary Education Commission Student Profiles, 1991*.

In an earlier report (*1987 Update on Los Rios Transfer Statistics*), the Los Rios District Office of Planning and Research addressed the "fall-only undercount" issue and pointed out that (contrary to assumptions then accepted by CPEC and other agencies) a substantial number of community college students transfer to four-year institutions during the winter and spring terms, not just in the fall. The Commission is now providing full-year transfer numbers (the primary focus of this report) in addition to their fall-only data analysis; however, the ethnic breakdowns of these numbers are still available only for fall semesters. As this report indicates, the need still exists to have full-year counts by ethnicity in order to reflect accurately the transfer status of the various ethnic groups.

STATEWIDE/DISTRICT TRENDS IN NUMBERS OF TRANSFERS

Statewide, transfers to UC and CSU increased in both 1989-90 and 1990-91 as compared to 1988-89. Transfers to UC increased at a greater rate than transfers to CSU. For Los Rios, transfers to both segments decreased slightly in 1989-90 as compared to the previous year and then increased substantially in 1990-91. Full-year data are used in the following comparisons.

Transfers to UC

- Statewide, transfers to UC increased by 4.0% in 1989-90 as compared to 1988-89, and then jumped another 23.0% in 1990-91.
- For Los Rios, transfers to UC decreased 14.5% to 407 in 1989-90, from 476 in the previous academic year, and then increased to 455 in 1990-91, up 11.8% districtwide.
- Los Rios was seventh among districts in the state in numbers of UC transfers during both the 1989-90 and 1990-91 academic years.

Transfers to CSU

- Statewide, transfers to CSU for the 1989-90 academic year increased by 0.7% over 1988-89, followed by an increase of 2.1% the following year (1990-91).

- For Los Rios, transfers to CSU decreased by 4.0% in 1989-90 as compared to 1988-89 (from 2,229 to 2,140); enrollments then increased by 8.7% to 2,326 in 1990-91.
- Los Rios was second among districts in the state in numbers of CSU transfers during both the 1989-90 and 1990-91 academic years.

THE FALL-ONLY UNDERCOUNT ISSUE

Data provided in the 1991 CPEC report confirm our original assertion that the use of fall-only data in 1989-90 and 1990-91 would have resulted in substantial undercounts of all community college transfers to both the UC and CSU systems.

- Statewide, transfers to UC in 1989-90 and 1990-91 would have been undercounted by around 25%; for Los Rios, the undercount would have amounted to approximately 20%.
- Statewide, transfers to CSU during these two years would have been undercounted by almost 38%; for Los Rios, the undercount would have been 35%.

ETHNIC MINORITY TRANSFER STUDENTS

As stated earlier, the December 1991 CPEC report still does not provide ethnicity or gender data on mid-year transfers. The following highlights, then, reflect fall-only data as reported for the following racial/ethnic groups: Asian/Pacific Islander, Black, Filipino, Hispanic, American Indian and White.

Transfers to UC

- While the numbers of Los Rios transfers decreased in every ethnic minority group in Fall 1989 compared to Fall 1988, the situation reversed in Fall 1990, when all ethnic groups but Hispanics increased in number. Percentage changes generally reflected these numbers.
- Ethnic minority transfers constituted 34.0% of the Fall 1990 Los Rios transfers.

Transfers to CSU

- In Fall 1989 the numbers of Black, Hispanic and Filipino transfers to CSU increased while whites, Asians and American Indians decreased in number as compared to Fall 1988. In Fall 1990, the trend was reversed: all ethnic groups except Blacks increased in number over Fall 1989.
- Ethnic minority transfers constituted 31.0% of the Fall 1990 Los Rios transfers.

SUMMARY

The statistics analyzed in this report seem to indicate that the efforts which have been expended in recent years to improve the transfer process for Los Rios students (intersegmental programs such as the Transfer Opportunity Program, the Transfer Centers, and the Transfer Admission Agreement with UCD, CSUS and UOP) have begun to produce increased numbers of transfers. CPEC has responded to the need for full-year counts of community college transfers and is to be commended for working with the UC and CSU statewide offices to obtain the historical transfer data. Once CPEC makes full-year minority transfer data available, it may be clear that these programs are also improving the actual numbers and percentages of ethnic minority students.

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LOS RIOS TRANSFER STATISTICS FALL 1989 - SPRING 1991 UPDATE

INTRODUCTION

This report is the fifth by the Los Rios District Office of Planning and Research (OP&R) analyzing data provided by the California Postsecondary Education Commission (CPEC) regarding student transfers from California Community Colleges to the University of California and California State University systems. This particular report covers two academic years, 1989-90 and 1990-91. It discusses the numbers of transfers from the three Los Rios colleges to the UC and CSU systems during those years, and compares the Los Rios District figures with statewide totals for community colleges.

The report also incorporates official full-year transfer data for 1986-87, 1987-88 and 1988-89 as published in the latest CPEC report, *California Postsecondary Education Commission Student Profiles, 1991* (December 1991). Selected statistics, updated from previously published CPEC and OP&R reports, are included for purposes of comparison.

Background

In December 1987, the Los Rios District Office of Planning and Research published its *1987 Update on Los Rios Transfer Statistics*, based on CPEC statistics for Fall 1986. A section of that report addressed the "fall-only undercount" issue and pointed out that (contrary to assumptions then accepted by CPEC and other agencies) a substantial number of community college students transfer to four-year institutions during the winter and spring terms, not just in the fall. This assertion was validated by comparing fall and full-year transfer data obtained directly from CSU Sacramento and UC Davis on Los Rios district transfer students. Copies of the report were sent to CPEC, as well as to the UC and CSU systemwide offices, encouraging them to begin reporting full-year, rather than fall-only, transfer student statistics.

In March 1988 CPEC published its *Update of Community College Transfer Student Statistics, Fall 1987* which included full-year transfer numbers for the CSU system from 1981-82 through 1986-87. Full-year statistics for the UC system were included only for 1986-87. Utilizing the data from the March 1988 CPEC report, the Los Rios OP&R published the *Los Rios Fall 1987 Transfer Statistics Preliminary Update* in May 1988. That report compared fall-only data for the three Los Rios colleges for 1985, 1986 and 1987, and also discussed CPEC's full-year data which confirmed our finding that the use of fall-only data resulted in an undercount of almost 30% of all community college transfers into the UC system and approximately 35% of all transfers into the CSU system. A subsequent OP&R report, *Los Rios Transfer Statistics Fall 1988/Spring 1989 Update* (October 1989) reaffirmed these estimates.

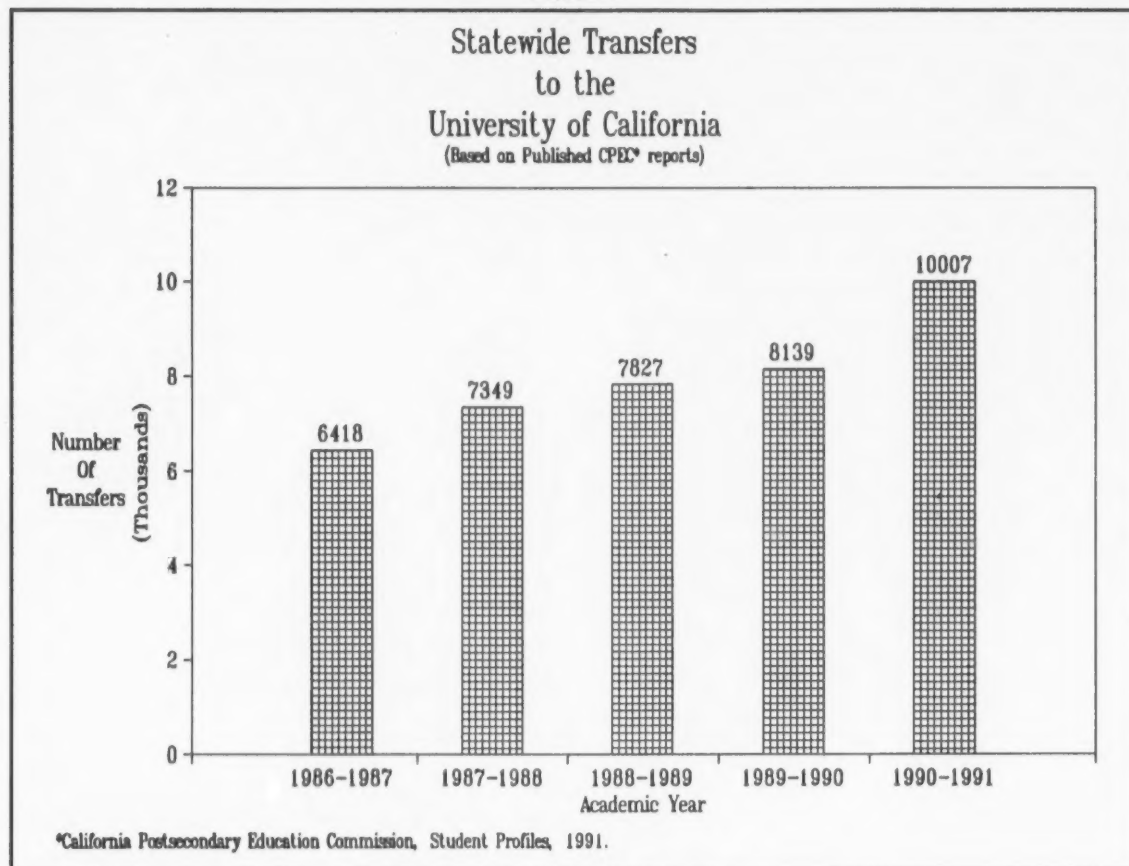
CPEC now reports full-year (as well as fall-only) statistics on a regular basis, thus eliminating the fall-only undercount of *numbers* of transfers as an issue and helping all three segments better evaluate their success in the transfer function. Unfortunately, the full-year transfer statistics provided by CPEC still do not include breakdowns by gender and ethnicity, even though CPEC indicated in 1989 that these statistics might be available "in a year or so." Statistics on ethnicity of transfers, using fall-only data from CPEC, are included in this report to highlight the continued need for full-year data on the gender and ethnicity of transfer students.

This current report, then, focuses on full-year data on transfers to both the UC and CSU systems from each of the three Los Rios colleges (the Placerville Center is included with CRC), as well as totals for the district as a whole and for the California Community College system.

STATEWIDE TRENDS

Statewide Transfers to the University

Table 1

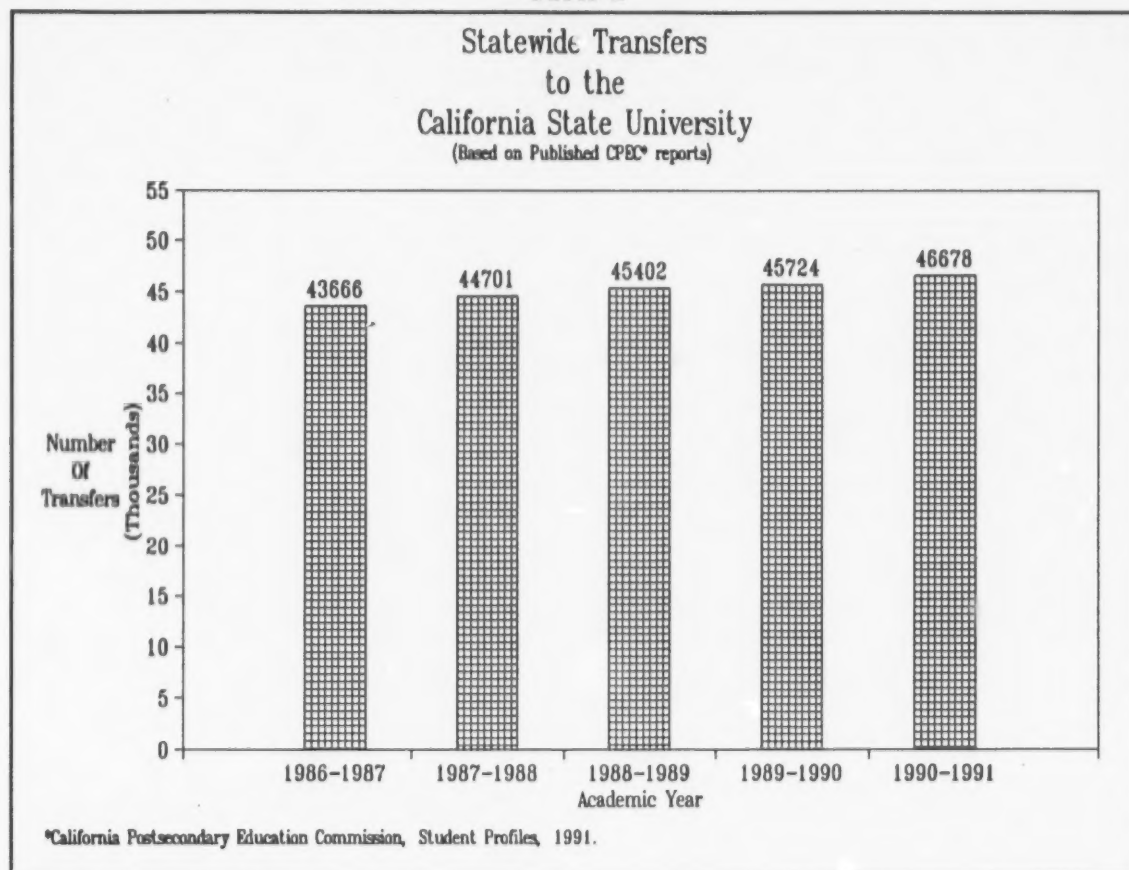


As Table 1 illustrates,

- Statewide community college transfers to the University of California have shown consistent gains. The total of 10,007 community college transfers to the University of California in the 1990-91 academic year represents a four-year increase of 55.9% over the 1986-87 academic year.
- Year-to-year percentage increases, computed based on previous year enrollments, were as follows: 1987-88, 14.5%; 1988-89, 6.5%; 1989-90, 4.0%; 1990-91, 23.0%.

Statewide Transfers to the State University

Table 2



As Table 2 illustrates,

- Statewide community college transfers to the California State University have shown more modest gains compared to transfers to the University of California. The total of 46,678 community college transfers to the California State University in the 1990-91 academic year represents a four-year increase of 6.9% over the 1986-87 academic year.
- Year-to-year percentage increases, computed based on previous year enrollments, were as follows: 1987-88, 2.4%; 1988-89, 1.6%; 1989-90, 0.7%; 1990-91, 2.1%.

THE TOP DISTRICTS

Transfers to the University

Table 3 displays the top California Community College districts when ranked according to the numbers of their students who transferred to the University of California system during the 1989-90 and 1990-91 academic years (full-year figures).

Table 3

RANKINGS OF TOP DISTRICTS FOR 1989-1990 YEAR		
	<i>To University of California*</i>	<i>Difference from Los Rios</i>
1. Los Angeles	522	+115
2. Contra Costa	511	+104
3. Santa Barbara	509	+102
4. Coast	454	+47
5. Santa Monica	450	+43
6. Foothill-De Anza	444	+34
7. Los Rios	407	--
RANKINGS OF TOP DISTRICTS FOR 1990-1991 YEAR		
	<i>To University of California*</i>	<i>Difference from Los Rios</i>
1. Contra Costa	698	+243
2. Santa Barbara	618	+163
3. Coast	617	+162
4. Los Angeles	614	+159
5. Santa Monica	528	+73
6. Foothill-De Anza	518	+63
7. Los Rios	455	--
*CPEC, Student Profiles, 1991.		

As Table 3 illustrates,

- Los Rios ranked seventh among California Community College districts in the number of students transferring to the UC system in both 1989-90 (407) and 1990-91 (455), compared to fourth in the state with 476 transfers in 1988-1989.
- It is interesting to note that other districts also showed a decrease in students attending the UC system campuses during 1989-90, followed by a substantial increase in the number of transfers in 1990-91.

Transfers to the State University

Table 4 displays the top six community college districts when ranked according to the numbers of their students who transferred to the CSU system for the 1989-90 and 1990-91 academic years.

Table 4

RANKINGS OF TOP DISTRICTS FOR 1989-1990 YEAR		
	To California State University*	Difference from Los Rios
1. Los Angeles	3511	+1371
2. Los Rios	2140	--
3. Coast	1903	-237
4. Foothill-De Anza	1841	-299
5. North Orange County	1743	-397
6. San Diego	1603	-537
 RANKINGS OF TOP DISTRICTS FOR 1990-1991 YEAR		
	To California State University*	Difference from Los Rios
1. Los Angeles	3791	+1465
2. Los Rios	2326	--
3. Coast	1932	-394
4. North Orange County	1749	-577
5. San Diego	1705	-621
6. Foothill-De Anza	1642	-684

*CPEC, Student Profiles, 1991.

As Table 4 illustrates,

- Los Rios ranked second among California Community College districts in the number of students transferring to the CSU system in both 1989-90 and 1990-91. Los Rios has ranked second each year since at least Fall 1985.
- The total of 2,326 Los Rios transfers in 1990-91 represents an increase of 8.7% over 1989-90.
- The only district sending more transfers to the CSU system than Los Rios was the Los Angeles district, which is more than twice as large as Los Rios.

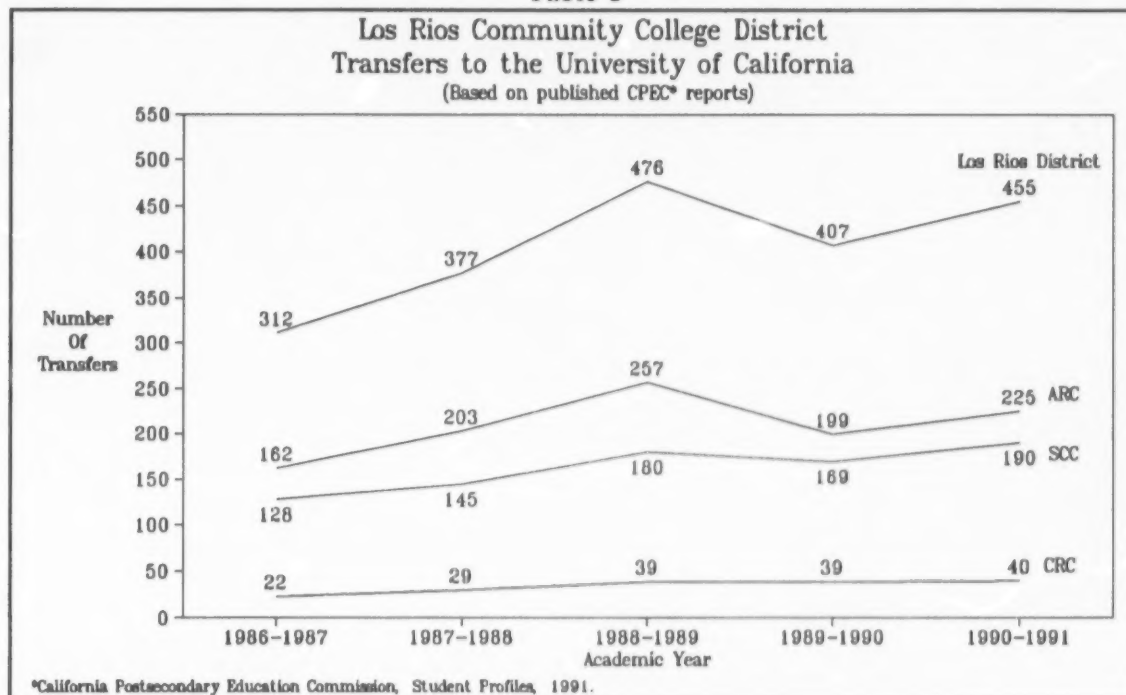
DISTRICT TRENDS IN NUMBERS OF TRANSFERS

According to the December 1991 CPEC report, the numbers of Los Rios students who transferred to both the University and the State University systems declined in the 1989-90 academic year, after several years of increasing enrollments, and then rose again in 1990-91.

Transfers to UC

Table 5 displays the numbers of students from Los Rios who transferred into the UC system in the 1986-87 through 1990-91 academic years.

Table 5



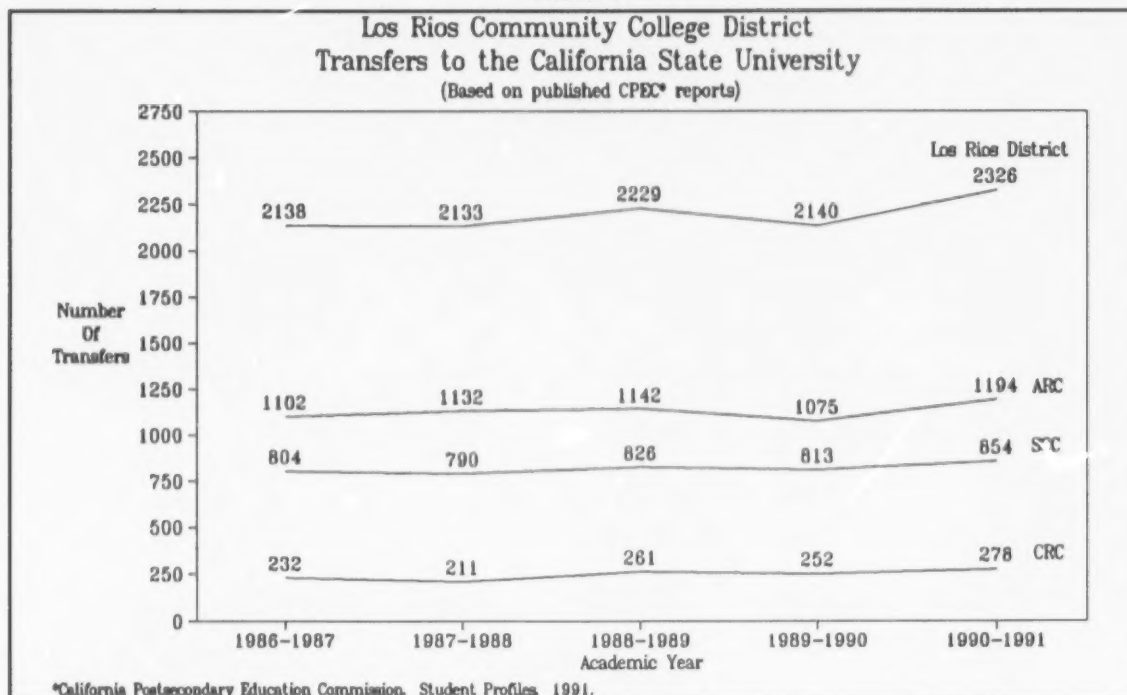
As Table 5 illustrates,

- The numbers of transfers to the UC system from Los Rios decreased in 1989-90 by 14.5%, and then increased in 1990-91 by 11.8%.
- In contrast to 1989-90's decline, full-year counts had increased by almost 21% from 1986-87 (312) to 1987-88 (377), and by 26.3% in 1988-89 (476). In 1990-91 the trend again went up, by 11.8% (48 students).
- Among the three Los Rios colleges, the percentage increases of transfers varied: full-year figures for 1990-91 indicate that transfers from American River College increased by 13.1% over the previous year; Sacramento City College increased by 12.4% and Cosumnes River College showed an increase of 2.6%.

Transfers to CSU

Table 6 displays the numbers of students from Los Rios who transferred into the CSU system in the 1986-87 through 1990-91 academic years.

Table 6



As Table 6 illustrates,

- For the Los Rios District, the number of transfers to CSU increased slightly in 1990-91, reversing the decrease of the previous academic year (1989-90).
- Full-year figures indicate that 2,326 students transferred from Los Rios during 1990-91, compared to 2,140 in 1989-90, for an increase of 186 students, or 8.7%.
- Among the three Los Rios colleges, the percentage increases of transfers varied: full-year figures indicate that transfers from American River College increased by 11.1% from 1989-90 to 1990-91; Sacramento City College increased by 5.0% and Cosumnes River College showed an increase of 10.3%.

THE FALL-ONLY UNDERCOUNT ISSUE

As mentioned in the introduction to this report, CPEC responded several years ago to requests from Los Rios and other California community college districts to provide full-year (as well as fall-only) transfer statistics. Tables 7 and 8 which follow display the numbers (both fall-only and full-year) of Los Rios transfers to the UC and CSU systems in 1989-90 and 1990-91, by college and for the district as a whole. These numbers reaffirm the substantial undercounts of numbers of transfers which would have resulted without the mid-year data, and suggest that numbers of ethnic minority transfers are probably similarly undercounted.

Undercount of Transfers to UC

Table 7 displays data regarding transfers of Los Rios students to the UC system:

Table 7

TRANSFERS TO UNIVERSITY OF CALIFORNIA <i>Showing Undercount if Fall-Only Data Are Used</i>				
	<i>Fall*</i> 1989	<i>Spring**</i> 1990	<i>School Year</i> 1989-1990	<i>Fall-Only</i> Undercount
<i>American River College</i>	161	38	199	19.1%
<i>Cosumnes River College</i>	29	10	39	25.6%
<i>Sacramento City College</i>	129	40	169	23.7%
Los Rios Total	319	88	407	21.6%
Statewide Total	6224	1915	8139	23.5%
	<i>Fall*</i> 1990	<i>Spring**</i> 1991	<i>School Year</i> 1990-1991	<i>Fall-Only</i> Undercount
<i>American River College</i>	194	31	225	13.8%
<i>Cosumnes River College</i>	35	5	40	12.5%
<i>Sacramento City College</i>	147	43	190	22.6%
Los Rios Total	376	79	455	17.4%
Statewide Total	7420	2587	10007	25.9%

* CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring figures.

As Table 7 illustrates,

- A total of 88 students transferred from Los Rios to the UC system mid-year in 1989-90. Excluding these students from the 1989-90 statistics would have resulted in an undercount of 21.6% of Los Rios transfers to UC that year.
- In 1990-91, with 79 mid-year transfers from Los Rios, use of fall-only figures would result in an undercount of 17.4%.
- Statewide, the percentage of mid-year transfers to the UC system in 1990-91 was 25.9%, even higher than that for Los Rios. The willingness of CPEC to now report full-year transfer statistics is thus of importance to all community colleges statewide.

Undercount of Transfers to CSU

Table 8 displays data regarding Los Rios transfers to the CSU system:

Table 8

TRANSFERS TO CALIFORNIA STATE UNIVERSITY Showing Undercount if Fall-Only Data Are Used				
	Fall* 1989	Spring** 1990	School Year 1989-1990	Fall-Only Undercount
<i>American River College</i>	690	385	1075	35.8%
<i>Cosumnes River College</i>	166	86	252	34.1%
<i>Sacramento City College</i>	536	277	813	34.1%
Los Rios Total	1392	748	2140	35.0%
Statewide Total	28331	17393	45724	38.0%
	Fall* 1990	Spring** 1991	School Year 1990-1991	Fall-Only Undercount
<i>American River College</i>	789	405	1194	33.9%
<i>Cosumnes River College</i>	171	107	278	38.5%
<i>Sacramento City College</i>	560	294	854	34.4%
Los Rios Total	1520	806	2326	34.7%
Statewide Total	29370	17308	46678	37.1%

*CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring Figures.

As Table 8 illustrates,

- In 1989-90, with 748 mid-year transfers from Los Rios, the undercount would have been 35.0% if fall-only data were used.
- In 1990-91, when 806 Los Rios students transferred to CSU mid-year, use of fall-only data would result in an undercount of 34.7% that year.
- Statewide percentages were consistent with those for Los Rios: in 1989-90, use of fall-only data would have resulted in an undercount of 38.0%; in 1990-91 the percentage would be 37.1%.

Given the importance of transfer numbers as one measure of the health of the postsecondary education system in general, and of the community colleges in particular, the willingness and ability of CPEC to obtain and provide full-year counts of community college transfers is essential.

ETHNIC MINORITY TRANSFER STUDENTS

While CPEC has reported full-year figures for transfers in general, no ethnic breakdown is available except for the fall semester transfers. When contacted, CPEC stated that full-year ethnic counts will not be available for at least another year. Table 9 displays ethnicity data for the Los Rios transfers to both UC and CSU for Fall 1988 through Fall 1990.

Table 9

LOS RIOS COMMUNITY COLLEGE DISTRICT						
ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)						
<u>Ethnicity</u>	<u>Fall 1988</u>		<u>Fall 1989</u>		<u>Fall 1990</u>	
Whites	60%	(224)	66%	(207)	61%	(227)
Asians	18%	(66)	15%	(47)	16%	(58)
Filipinos	1%	(5)	1%	(3)	1%	(5)
Blacks	5%	(18)	3%	(11)	5%	(17)
Hispanics	10%	(39)	10%	(31)	7%	(27)
Americans Indians	2%	(7)	2%	(5)	2%	(9)

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)						
<u>Ethnicity</u>	<u>Fall 1988</u>		<u>Fall 1989</u>		<u>Fall 1990</u>	
Whites	68%	(986)	63%	(852)	62%	(919)
Asians	9%	(135)	4%	(53)	9%	(135)
Filipinos	1%	(20)	2%	(21)	2%	(32)
Blacks	4%	(63)	8%	(113)	7%	(106)
Hispanics	6%	(92)	7%	(100)	8%	(123)
Americans Indians	1%	(18)	1%	(14)	1%	(20)

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

As Table 9 illustrates,

- Comparing fall-only data, the numbers of Los Rios transfers to the UC system in every ethnic group were down in Fall 1989 compared to Fall 1988. With the exception of Hispanics, all ethnic groups increased in number in Fall 1990.
- Comparing fall-only data, the numbers of Los Rios white, Asian and American Indian transfers to the CSU system were down in Fall 1989 compared to Fall 1988, while Filipino, Black and Hispanic transfers to the CSU increased in number. With the exception of Blacks, all ethnic groups increased in number in Fall 1990.
- These numbers parallel the full-year enrollment trends displayed in Table 5 and 6.

SUMMARY AND IMPLICATIONS

Considerable effort has been expended in a variety of programs to encourage and facilitate the transfer process for Los Rios students in the past several years. Intersegmental programs such as the Transfer Opportunity Program (TOP), the Transfer Centers, and the Transfer Admission Agreement with UCD, CSUS and UOP have been developed and implemented.

The Transfer Opportunity Program, begun in 1983, was developed as a program between the Los Rios colleges and UC Davis to enhance student transfer. TOP components included individualized advising on UCD admissions, financial aid, housing, transcript evaluation, early notification of admission and guided tours of the UCD campus by a UCD counselor paid jointly by Los Rios and the University. The TOP program was considered very successful and became a model for the kind of intersegmental cooperation that could enhance student transfer between community colleges and the four-year universities.

In 1985, the Governor's Budget included \$3.3 million to fund a three-year pilot program of Transfer Centers on 20 campuses of the California Community Colleges, with the goal of facilitating the transfer function for all students, with special emphasis on Affirmative Action students, between the Community Colleges and the UC and CSU systems. Los Rios submitted the first multi-campus request to the State Chancellor's Office to implement three Transfer Centers to supplement the counseling efforts at the colleges. The Transfer Center services include individual advising as in the TOP model with the UCD and CSUS advisors being paid jointly by Los Rios and their own universities. The Transfer Center regularly schedules these university and college admission representatives to meet with individual transfer students to assist in the transfer process. One of the key intersegmental programs, developed with the help of UCD and CSUS, allows a student to enroll concurrently in one class at UCD or CSUS and to have the tuition fee waived. This enables the student to get better acquainted with the senior institution. The Transfer Centers also assist students in applying for financial aid programs well in advance of admission, and with computerized programs, the Transfer Centers can closely estimate the amount of financial aid the student would be awarded, thus enhancing the consideration of transfer as a real possibility.

Another service pioneered and provided by the Los Rios Transfer Centers is the Transfer Admission Agreement (TAA). This innovative service was developed by the Transfer Centers, UCD, CSUS and UOP, and allows the potential transfer student to have a formal agreement with the senior institution which guarantees admission based on course and GPA guidelines. As the student knows early which courses are required and what GPA is necessary, he or she can easily gauge the progress being made toward successful transfer. Once the courses are completed and the GPA is achieved, the student is guaranteed admission.

Los Rios' Transfer Centers and the Transfer Admission Agreements have been so successful that they have even spawned statewide legislation. SB 121, a bill introduced by Senator Gary Hart, mandates that each community college district shall ensure that its college(s) shall develop formal transfer agreements guaranteeing upper-division enrollment in all specific majors for community college transfer students, regardless of initial eligibility, so long as students successfully complete the course and GPA requirements. This bill became law in 1991.

Further recognition of the district's efforts to improve the transfer success of its students came in October 1989, when the Los Rios District Transfer Center and UCD were one of eight academic advising programs nationwide who were presented a national award by the American College Testing Program (ACT) and the National Academic Advising Association (NACADA). Citing "innovative, inter-institutional collaboration," the honor is the first of its kind which recognized the Transfer Centers' and UCD's excellence in academic advising and intersegmental cooperation.

The success of Los Rios students in transferring to a university to complete their baccalaureate degrees was affirmed in *Moving On: A Cooperative Study of Student Transfer* (Jones et al., April 1991), an intersegmental longitudinal study conducted by the Los Rios District, UC Davis and CSU Sacramento. This study examined the records of students who transferred from one of Los Rios' three colleges to one of the senior institutions during the 1983-84 academic year, and followed their progress at the universities through Fall 1989. One of the most important findings of this study was that

"Clearly, the Los Rios transfers to UC Davis as measured by baccalaureate degree attainment were more successful than either the general community college transfer cohort or the UC Davis native students. The Los Rios transfers to CSU Sacramento graduated at essentially the same rate as all community college transfers to that university, but at a substantially higher rate than the CSU Sacramento native students." (p. 27).

While these students transferred before the transfer support programs described above were in place, the study provides benchmarks with which future research on student success can be compared.

APPENDIX

**TRANSFERS TO THE UNIVERSITY OF CALIFORNIA
(HISTORICAL DATA)**

TRANSFERS TO UNIVERSITY OF CALIFORNIA
Showing Undercount if Fall-Only Data Are Used

	<i>Fall*</i> <i>1986</i>	<i>Spring**</i> <i>1987</i>	<i>School Year</i> <i>1986-1987</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	133	29	162	17.9%
<i>Cosumnes River College</i>	18	4	22	18.2%
<i>Sacramento City College</i>	93	35	128	27.3%
Total	244	68	312	21.8%

	<i>Fall*</i> <i>1987</i>	<i>Spring**</i> <i>1988</i>	<i>School Year</i> <i>1987-1988</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	164	39	203	19.2%
<i>Cosumnes River College</i>	28	1	29	3.4%
<i>Sacramento City College</i>	116	29	145	20.0%
Total	308	69	377	18.3%

	<i>Fall*</i> <i>1988</i>	<i>Spring**</i> <i>1989</i>	<i>School Year</i> <i>1988-1989</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	208	54	257	21.0%
<i>Cosumnes River College</i>	32	7	39	17.9%
<i>Sacramento City College</i>	141	39	180	21.7%
Total	376	100	476	21.0%

*CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring figures.

TRANSFERS TO UNIVERSITY OF CALIFORNIA
Showing Undercount if Fall-Only Data Are Used

	<i>Fall*</i> <i>1989</i>	<i>Spring**</i> <i>1990</i>	<i>School Year</i> <i>1989-1990</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	161	38	199	19.1%
<i>Cosumnes River College</i>	29	10	39	25.6%
<i>Sacramento City College</i>	129	40	169	23.7%
<i>Total</i>	319	88	407	21.6%

	<i>Fall*</i> <i>1990</i>	<i>Spring**</i> <i>1991</i>	<i>School Year</i> <i>1990-1991</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	194	31	225	13.8%
<i>Cosumnes River College</i>	35	5	40	12.5%
<i>Sacramento City College</i>	147	43	190	22.6%
<i>Total</i>	376	79	455	17.4%

**CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring figures.*

**TRANSFERS TO CALIFORNIA STATE UNIVERSITY
(HISTORICAL DATA)**

TRANSFERS TO CALIFORNIA STATE UNIVERSITY

Showing Undercount if Fall-Only Data Are Used

	Fall* 1981	Spring** 1982	School Year 1981-1982	Fall Only Undercount
<i>American River College</i>	785	330	1115	29.6%
<i>Cosumnes River College</i>	162	69	231	29.9%
<i>Sacramento City College</i>	588	274	862	31.8%
Total	1535	673	2208	30.5%

	Fall* 1982	Spring** 1983	School Year 1983-1983	Fall Only Undercount
<i>American River College</i>	763	484	1247	38.8%
<i>Cosumnes River College</i>	164	79	243	32.5%
<i>Sacramento City College</i>	565	331	896	36.9%
Total	1492	894	2386	37.5%

	Fall* 1983	Spring** 1984	School Year 1983-1984	Fall Only Undercount
<i>American River College</i>	726	473	1199	39.4%
<i>Cosumnes River College</i>	151	80	231	34.6%
<i>Sacramento City College</i>	539	375	914	41.0%
Total	1416	928	2344	39.6%

*CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring figures.

TRANSFERS TO CALIFORNIA STATE UNIVERSITY

Showing Undercount if Fall-Only Data Are Used

	<i>Fall*</i> <i>1984</i>	<i>Spring**</i> <i>1985</i>	<i>School Year</i> <i>1984-1985</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	719	389	1108	35.1%
<i>Cosumnes River College</i>	154	72	226	31.9%
<i>Sacramento City College</i>	587	309	896	34.5%
Total	1460	770	2230	34.5%

	<i>Fall*</i> <i>1985</i>	<i>Spring**</i> <i>1986</i>	<i>School Year</i> <i>1985-1986</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	736	404	1140	35.4%
<i>Cosumnes River College</i>	134	51	185	27.6%
<i>Sacramento City College</i>	587	308	895	34.4%
Total	1457	763	2220	34.4%

	<i>Fall*</i> <i>1986</i>	<i>Spring**</i> <i>1987</i>	<i>School Year</i> <i>1986-1987</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	667	435	1102	39.5%
<i>Cosumnes River College</i>	163	69	232	29.7%
<i>Sacramento City College</i>	505	299	804	37.2%
Total	1335	803	2138	37.6%

*CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring figures.

TRANSFERS TO CALIFORNIA STATE UNIVERSITY

Showing Undercount if Fall-Only Data Are Used

	Fall* 1987	Spring** 1988	School Year 1987-1988	Fall Only Undercount
<i>American River College</i>	711	414	1132	36.6%
<i>Cosumnes River College</i>	150	61	211	28.9%
<i>Sacramento City College</i>	477	313	790	39.6%
Total	1338	788	2133	36.9%

	Fall* 1988	Spring** 1989	School Year 1988-1989	Fall Only Undercount
<i>American River College</i>	763	379	1142	33.2%
<i>Cosumnes River College</i>	172	89	261	34.0%
<i>Sacramento City College</i>	559	267	826	32.3%
Total	1494	735	2229	33.0%

	Fall* 1989	Spring** 1990	School Year 1989-1990	Fall Only Undercount
<i>American River College</i>	690	385	1075	35.8%
<i>Cosumnes River College</i>	166	86	252	34.1%
<i>Sacramento City College</i>	536	277	813	34.1%
Total	1392	748	2140	35.0%

*CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring figures.

TRANSFERS TO CALIFORNIA STATE UNIVERSITY

Showing Undercount if Fall-Only Data Are Used

	<i>Fall*</i> <i>1990</i>	<i>Spring**</i> <i>1991</i>	<i>School Year</i> <i>1990-1991</i>	<i>Fall Only</i> <i>Undercount</i>
<i>American River College</i>	789	405	1194	33.9%
<i>Cosumnes River College</i>	171	107	278	38.5%
<i>Sacramento City College</i>	560	294	854	34.4%
<i>Total</i>	1520	806	2326	37.1%

**CPEC, Student Profiles, 1991. ** Winter Quarters are also reflected in the Spring figures.*

**AMERICAN RIVER COLLEGE
ETHNICITY OF TRANSFERS TO UC AND CSU SYSTEMS
(FALL 1986 - FALL 1990)**

AMERICAN RIVER COLLEGE

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1986</u>		<u>1987</u>		<u>1988</u>	
Whites	76%	101	65%	107	71%	144
Asians	7%	9	13%	22	9%	19
Filipino	2%	3	2%	3	1%	3
Blacks	3%	4	3%	5	3%	6
Hispanics	6%	8	9%	15	9%	19
American Indians	9%	2	2%	4	3%	6

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1986</u>		<u>1987</u>		<u>1988</u>	
Whites	75%	501	75%	531	77%	590
Asians	5%	36	5%	37	5%	35
Filipino	1%	8	1%	9	1%	7
Blacks	5%	30	3%	20	3%	21
Hispanics	5%	36	6%	42	4%	31
American Indians	2%	15	3%	21	1%	10

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

AMERICAN RIVER COLLEGE

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA

(Based on Fall-only data from CPEC*)

<u>Ethnicity</u>		<u>1989</u>		<u>1990</u>	
Whites	75%	121	72%	140	
Asians	11%	17	9%	18	
Filipino	1%	1	2%	4	
Blacks	2%	3	3%	5	
Hispanics	7%	12	6%	11	
American Indians	2%	3	1%	2	

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY

(Based on Fall-only data from CPEC*)

<u>Ethnicity</u>		<u>1989</u>		<u>1990</u>	
Whites	74%	516	74%	581	
Asians	2%	11	4%	34	
Filipino	1%	8	1%	9	
Blacks	5%	34	4%	29	
Hispanics	5%	33	6%	44	
American Indians	1%	4	1%	11	

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

**COSUMNES RIVER COLLEGE
ETHNICITY OF TRANSFERS TO UC AND CSU SYSTEMS
(FALL 1986 - FALL 1990)**

COSUMNES RIVER COLLEGE

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1986</u>		<u>1987</u>		<u>1988</u>	
Whites	82%	14	46%	13	69%	22
Asians	-	-	25%	7	6%	2
Filipino	-	-	4%	1	-	-
Blacks	-	-	7%	2	9%	3
Hispanics	18%	3	4%	1	6%	2
American Indians	-	-	7%	2	3%	1

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1986</u>		<u>1987</u>		<u>1988</u>	
Whites	72%	109	66%	94	70%	119
Asians	9%	13	5%	7	7%	11
Filipino	-	-	2%	3	2%	4
Blacks	5%	8	13%	19	5%	9
Hispanics	9%	13	6%	8	5%	9
American Indians	2%	3	1%	1	1%	1

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

COSUMNES RIVER COLLEGE

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>		<u>1989</u>		<u>1990</u>	
Whites	48%	14	49%	17	
Asians	17%	5	20%	7	
Filipino	-	-	-	-	
Blacks	7%	2	9%	3	
Hispanics	21%	6	11%	4	
American Indians	3%	1	9%	3	

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>		<u>1989</u>		<u>1990</u>	
Whites	66%	94	61%	104	
Asians	5%	7	4%	7	
Filipino	2%	3	2%	3	
Blacks	13%	19	12%	20	
Hispanics	6%	8	7%	12	
American Indians	1%	1	2%	3	

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

**SACRAMENTO CITY COLLEGE
ETHNICITY OF TRANSFERS TO UC AND CSU SYSTEMS
(FALL 1986 - FALL 1990)**

SACRAMENTO CITY COLLEGE

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1986</u>		<u>1987</u>		<u>1988</u>	
Whites	54%	50	43%	50	41%	57
Asians	28%	26	35%	41	32%	45
Filipino	1%	1	1%	1	1%	2
Blacks	7%	6	3%	4	6%	9
Hispanics	4%	4	10%	11	13%	18
American Indians	-	-	1%	1	-	-

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1986</u>		<u>1987</u>		<u>1988</u>	
Whites	47%	235	50%	236	50%	277
Asians	20%	101	18%	84	16%	89
Filipino	2%	8	1%	3	2%	9
Blacks	10%	49	8%	38	6%	33
Hispanics	8%	38	10%	48	9%	52
American Indians	1%	7	2%	8	1%	7

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

SACRAMENTO CITY COLLEGE

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1989</u>		<u>1990</u>	
Whites	56%	72	48%	70
Asians	19%	25	22%	33
Filipino	2%	2	1%	1
Blacks	5%	6	5%	7
Hispanics	10%	13	8%	12
American Indians	1%	1	3%	4

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1989</u>		<u>1990</u>	
Whites	43%	233	42%	234
Asians	7%	37	17%	94
Filipino	1%	6	4%	20
Blacks	11%	61	10%	57
Hispanics	10%	54	12%	67
American Indians	1%	8	1%	6

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

**LOS RIOS DISTRICT
ETHNICITY OF TRANSFERS TO UC AND CSU SYSTEMS
(FALL 1986 - FALL 1990)**

LOS RIOS COMMUNITY COLLEGE DISTRICT

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)

<u><i>Ethnicity</i></u>	<u><i>1986</i></u>		<u><i>1987</i></u>		<u><i>1988</i></u>	
<i>Whites</i>	68%	166	55%	170	60%	224
<i>Asians</i>	14%	35	23%	70	18%	66
<i>Filipino</i>	2%	4	2%	5	1%	5
<i>Blacks</i>	6%	10	4%	11	5%	18
<i>Hispanics</i>	1%	15	9%	27	10%	39
<i>American Indians</i>	1%	2	2%	7	2%	7

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)

<u><i>Ethnicity</i></u>	<u><i>1986</i></u>		<u><i>1987</i></u>		<u><i>1988</i></u>	
<i>Whites</i>	64%	854	65%	866	68%	986
<i>Asians</i>	11%	150	10%	129	9%	135
<i>Filipino</i>	1%	16	1%	15	1%	20
<i>Blacks</i>	7%	87	6%	77	4%	63
<i>Hispanics</i>	7%	87	7%	99	6%	92
<i>American Indians</i>	2%	25	2%	30	1%	18

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)

LOS RIOS COMMUNITY COLLEGE DISTRICT

ETHNICITY OF TRANSFERS TO UNIVERSITY OF CALIFORNIA (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1989</u>		<u>1990</u>	
Whites	66%	207	61%	227
Asians	15%	47	15%	58
Filipino	1%	3	1%	5
Blacks	3%	11	5%	17
Hispanics	10%	31	7%	27
American Indians	2%	5	2%	9

ETHNICITY OF TRANSFERS TO CALIFORNIA STATE UNIVERSITY (Based on Fall-only data from CPEC*)

<u>Ethnicity</u>	<u>1989</u>		<u>1990</u>	
Whites	63%	852	62%	919
Asians	4%	53	9%	135
Filipino	2%	21	2%	32
Blacks	8%	113	7%	106
Hispanics	7%	100	8%	123
American Indians	1%	14	1%	20

*CPEC, Student Profiles, 1991. (Note: Percentages are rounded. "Non-Resident", "Other", and "Non-Respondents" are not included above, so percentages do not add to 100%.)